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PATENT
ATTORNEY DOCKET NO.: 046700-5015

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
)	
Daniel ABESHOUSE et al.)	
)	
Serial No.: 09/710,097)	Group Art Unit: Unassigned
)	
)	
Filed: November 10, 2000)	Examiner: Unassigned
)	
For: METHOD, APPARATUS AND SYSTEM)	
FOR PROVIDING VARIABLE MARKET)	
INFORMATION DISCLOSURE IN AN)	
AUCTION)	

POWER OF ATTORNEY BY ASSIGNEE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The undersigned Assignee of the entire interest in the above-identified application hereby grants power of attorney to the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to:

Customer Number 009629
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Please direct all telephone calls to Richard W. James at 412-560-7062.

CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

FreeMarkets, Inc., a United States corporation, certifies that it is:

1. ☒ an assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the application identified above by virtue of:

- A. An assignment from the inventor(s) of the application identified above. The assignment was recorded as follows:

FROM	TO	REEL/FRAME NO.
		Reel: Frame:

OR

- B. A chain of title from the inventors, of the application identified above, to the current assignee as shown below:

1. From: Daniel ABESHOUSE, Scott W. ATKINSON, David J. BECKER, Sheila C. HALTER, Kimberly A. HARRIGAL, Vincent F. RAGO, William D. RUPP, David M. SCOULAR, Robert G. STEVENS, Douglas R. WAGNER, and Robert B. LANG, Jr.
To: FreeMarkets, Inc.
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

FreeMarkets, Inc.
FreeMarkets Center
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Pittsburgh, Pennsylvania 15222

Dated: 2/7/01

By: 

David J. Becker
President